

We Claim:

1. In combination for providing indications of the flight of a ball hit by a batter in a T-ball apparatus,

5 a structure for holding the ball at a position upwardly displaced from a support surface,

an aural unit disposed in the holding structure, the aural unit including an opening and a plurality of first electrical conductors spaced around the periphery of the opening,

a second electrical conductor extending through the opening in normally space relationship to the first electrical conductor,

10 a string attached at opposite ends to the ball and the second electrical conductor to provide for the disposition of the second electrical conductor against an individual one of the first electrical conductors in accordance with the direction of the flight of the ball when the ball is hit by the batter, and

15 a message provider responsive to the disposition of the second electrical conductor against the individual one of the first electrical conductors for broadcasting a message indicating the flight path and flight characteristics of the ball in accordance with the individual one of the first electrical conductors disposed against the second electrical conductor.

2. In a combination as set forth in claim 1 wherein
the second electrical conductor is disposed in the aural unit in a constrainable
20 relationship and wherein the second electrical conductor becomes constrained with the ball is hit by the batter.

3. In a combination as set forth in claim 1 wherein
the structure is adjustable in height in accordance with the height of the batter and the hitting stroke of the batter.

25 4. In a combination as set forth in claim 3 wherein
the structure for holding the ball includes a cup at the top of the structure for holding the ball.

5. In a combination as set forth in claim 2 wherein
the arrangement is adjustable in height in accordance with the height of the batter
and the hitting stroke of the batter and wherein

the structure includes a cup at the top of the structure for holding the ball.

5 6. In combination for providing an indication of the flight of a ball hit by a
child batter in a T-ball apparatus.

a structure for holding ball the ball at a height comfortable to the batter,

an aural unit disposed in the structure for broadcasting the flight characteristics of
the ball when hit by the batter,

10 the aural unit including an opening and a plurality of first electrical conductors
disposed in a spaced relationship to one another around the periphery of the opening and
including a second electrical conductor normally spaced in the opening from the first electrical
conductors,

the ball being operatively coupled to the second electrical conductor to provide
15 for an engagement between the second electrical conductor and an individual one of the first
electrical conductors in accordance with the direction and characteristics of the flight of the ball
when the ball is hit by the batter, and

a message provider for broadcasting a plurality of messages each associated with
an individual one of the first electrical conductors and each providing a message indicating the
20 direction and flight path of the ball hit by the batter.

7. In a combination as set forth in claim 6 wherein
the second electrical conductor is disposed in a constrainable relationship in the
aural unit to become constrained when the ball is hit by the batter and wherein a member having
characteristics of extending in any direction is attached at opposite ends to the ball
25 and the

second electrical conductor to provide for the movement of the ball in any direction when the ball is hit by the child batter.

8. In a combination as set forth in claim 6 wherein

5 a switch is operative to provide for a selective broadcast of each of the messages from the message provider in the English language or in a foreign language.

9. In a combination as set forth in claim 6 wherein

the structure includes a stanchion and a slide movable upwardly and downwardly in the stanchion and wherein the stanchion includes a locking member operative to provide for a movement of the slide in the stanchion and to provide for locking the slide in the stanchion at any desired height of the slide in the stanchion.

10. In a combination as set forth in claim 6 wherein

a cup is provided at the upper end of the structure for holding the ball in a position to be hit by the child batter.

11. In a combination as set forth in claim 7 wherein

15 a switch is operative to provide for a selective broadcast of each of the messages from the message provider in the English language or in a foreign language and wherein

the structure includes a stanchion and a slide movable upwardly and downwardly in the stanchion and wherein the stanchion includes a locking member operative to provide for a movement of the slide in the stanchion and to provide for locking the slide in the stanchion at any desired height of the slide in the stanchion and wherein

a cup is provided at the upper end of the structure for holding the ball in a position to be hit by the batter.

12. In combination for indicating the flight of a ball hit by a batter on a T-ball apparatus,

25 a base member,

a stanchion removably supported on the base member and extending upwardly from the base member,

a slide disposed in the stanchion and slidable upwardly and downwardly in the stanchion,

5 a locking member disposed on the stanchion and operable between first and second operative relationships and operable in the first relationship to provide for an adjustable positioning upwardly and downwardly of the slide in the stanchion and operable in the second relationship to fixedly position the slide in the stanchion,

10 an aural unit disposed on the slide and constructed to provide aural messages pertaining to the flight of the ball when the ball is hit by the batter,

a tube extending upwardly from the aural unit and having a cup at its upper end for holding the ball, and

a switch disposed on the aural unit and having first and second operative relationships and operable in the first relationship to provide for broadcasts from the aural unit of
15 the flight characteristics of the ball in a practice mode when the ball is hit by the batter and operable in the second relationship to provide for aural messages from the aural unit of the flight characteristics of the ball in a game mode when the ball is hit by the batter.

13. In a combination as set forth in claim 12, including
a string extending at one end from the aural unit and holding the ball at the other
20 end for activating the aural unit for the delivery of a message by the aural unit when the ball on the cup is hit by the batter.

14. In a combination as set forth in claim 12 wherein
the base member is provided with a cap removable to provide for insertion of a
fluid or sand into the base member to fix the disposition of the base member on a support
25 surface.

15. In a combination as set forth in claim 12 wherein
the base member has a first detent and

the stanchion has a second detent removably disposed in the first detent

16. In a combination as set forth in claim 12 wherein
a chain extends on a resilient basis from an opening in the aural unit and wherein
the string is attached to the chain at one end and to the ball at the other end to

5 provide for an extension of the chain from the opening in the aural unit upon a
propulsion of the ball from the cup when the ball is hit by a batter.

17. In a combination as set forth in claim 12 wherein
an opening is provided in the aural unit and a plurality of first electrical

conductors are disposed in the opening in a spaced relationship to one another and
10 wherein a second electrical conductor is operatively coupled to the ball to be directed by the ball
to engage an individual one of the first electrical conductors in accordance with the flight path
and characteristics of the ball when the ball is hit by the batter.

18. In a combination as set forth in claim 12 wherein
the aural unit has a plurality of messages and wherein

15 an individual one of the messages is selected to be broadcast in accordance with
the direction and flight characteristics of the ball when the ball is hit by the batter.

19. In a combination as set forth in claim 17 wherein
the aural unit has a plurality of messages and wherein each of the messages is

associated with an individual one of the first electrical conductors and wherein each of the
20 messages is activated to be broadcast dependent upon the direction and flight characteristics of
the ball when the ball is hit by the batter.

20. In a combination as set forth in the claim 19 wherein

a string extends at one end from the aural unit and holds the ball at the other end
for impinging on the switch upon the hitting of the ball on the cup to activate the aural unit for
25 the delivery of a message by the aural unit and wherein

the base member is provided with a cap removable to provide for the insertion of
a

fluid or sand into the base member to fix the disposition of the base member on a
support surface and wherein

5 the base member has a first detent and wherein

the stanchion has a second detent removably disposed in the first detent and
wherein

the second electrical conductor extends on a resilient basis from the opening in
the aural unit and wherein

10 the string is attached to the second electrical conductor at one end and to the ball
at the other end to provide for an extension of the chain from the opening in the aural unit upon a
propulsion of the ball from the cup when the ball is struck by a batter.

21. In a combination as set forth in claim 18 wherein

15 a string extends at one end from the aural unit and holds the ball at the other end
for impinging on the switch to activate the aural unit for the delivery of a message by the aural
unit when the ball is hit by the batter and wherein.

the base member is provided with a cap removable to provide for the insertion of
a fluid or sand into the base member to fix the disposition of the base member on a support
surface and wherein

20 an electrically conductive chain extends on a resilient basis from an opening in
the aural unit and wherein

the string is attached to the chain at one end and to the ball at the other end to
provide for an extension of the chain from the opening in the aural unit upon a propulsion of the
ball from the cup when the ball is struck by a batter and wherein

an opening is provided in the aural unit and a plurality of electrical conductors are disposed in the opening in a spaced relationship to one another and wherein the electrically conductive chain is operatively coupled to the ball to be directed by the ball to an individual one of the electrical conductors in accordance with the flight path and characteristics of the ball when the ball is hit by the batter and wherein

the aural unit has a plurality of messages and wherein each of the messages is associated with an individual one of the electrical conductors and wherein each of the messages is activated to be broadcast dependent upon the direction and flight characteristics of the ball when the ball is hit by the batter.

22. In a combination for indicating the flight of a ball hit by a batter on a T-ball apparatus,

a base member,

a stanchion removably coupled to the base member and extending upwardly from the base member upon coupling to the base member,

an aural unit removably disposed in the stanchion and provided with electrical circuitry constructed to provide aural indications, the aural unit having an opening and including a plurality of message providers,

an electrically conductive chain disposed in the opening in the aural unit,

a tube extending upwardly from the aural unit and having a cup at its upper end for receiving the ball,

a string attached at one end to the ball and at the other end to the electrically conductive chain in the aural unit, and

means including an arrangement of electrical conductors in the opening of the aural unit for providing an activation of an individual one of the electrical conductors by the electrically conductive chain in accordance with the flight direction and flight characteristics of the ball when the ball is hit by the batter, each of the electrical conductors being associated with

an individual one of the message providers to activate the individual one of the message providers when the electrical conductor is activated..

23. In a combination as set forth in claim 22 wherein

each of the electrical conductors is disposed in the opening to become activated

5 by the electrically conductive chain when the flight direction and flight characteristics of the ball are different from the flight direction and flight characteristics activating the other ones of the electrical conductors.

24. In a combination as set forth in claim 23 wherein

each of the electrical conductors is disposed in the opening in an annularly spaced

10 relationship to the other ones of the electrical conductors and wherein each of the message providers is constructed to provide an aural message indicating the flight direction and flight characteristics of the ball when the ball is hit by the batter.

25. In a combination as set forth in claim 22 wherein

a slide is operatively coupled to the stanchion for movement upwardly and

15 downwardly relative to the stanchion and wherein

a locking member is disposed on the stanchion and is operatively coupled to the slide to fixedly position the slide relative to the stanchion in any desired position of the stanchion and wherein

the aural unit is disposed on the slide.

20 26. In a combination as set forth in claim 24 wherein

a slide is operatively coupled to the stanchion for movement upwardly and

downwardly relative to the stanchion and wherein

a locking member is disposed on the stanchion and is operatively coupled to the slide to fixedly position the slide relative to the stanchion in any desired position of the stanchion and wherein

25

the aural unit is disposed on the slide.

27. In a combination as set forth in claim 25 wherein
 an electrical circuit is provided including a switch, the individual one of the
 electrical conductors, the electrically conductive chain and the individual one of the message
 providers associated with the individual one of the electrical conductors and wherein

5 the switch is closed to activate the individual one of the electrical conductors
 when the ball is hit by the batter and the electrical conductor is engaged by the electrically
 conductive chain.

28. In a combination as set forth in claim 26 wherein
 an electrical circuit is provided including a switch, the individual one of the
 10 electrical conductors, the electrically conductive chain and the individual one of the message
 providers associated with the individual one of the electrical conductors and wherein

the switch is closed to activate the individual one of the electrical conductors
 when the ball is hit by the batter and the electrical conductor is engaged by the electrically
 conductive chain.

15 29. In combination for providing indications of the flight of a ball hit by a batter in a
 T-ball

apparatus,

a structure for holding the ball,

an aural unit included in the structure,

20 an opening in the aural unit,

a plurality of first electrical conductors disposed in an annularly spaced
 relationship in the opening,

a second electrical conductor disposed in the opening in a normally spaced
 relationship to the first electrical conductors, and

a string attached at one end to the ball and at the other end to the second electrical conductor to move the second electrical conductor into an engagement with an individual one of the first electrical conductors in accordance with the flight path and flight characteristics of the ball when the ball on the structure is hit by the batter.

5 30. In a combination as set forth in claim 29 wherein
the first electrical conductors are disposed in quadrants and wherein

the first electrical conductors in the upper and lower quadrants on one side
respectively indicate fly balls and ground balls to one side of a playing field and the first
electrical conductors in the upper and lower quadrants on the other side respectively indicate fly
10 balls and ground balls on the other side of the playing field.

31. In a combination as set forth in claim 27 wherein
a switch becomes closed when the ball is hit by the batter and the switch is
included in a circuit with the first electrical conductors and the second electrical conductor and a
source of electrical energy to establish a closed circuit for activating the
15 individual one of the first electrical conductors engaged by the second electrical conductor when
the ball is hit by the batter.

32. In a combination as set forth in claim 27 wherein
a plurality of message providers are provided and wherein
each of the message providers is associated with an individual one of the first
20 electrical conductors to become activated when the individual one of the first electrical
conductors is engaged by the second electrical conductor.

33. In a combination as set forth in claim 28 wherein
a switch becomes closed when the ball is hit by the batter and the switch is
included in a circuit with the first electrical conductors and the second electrical conductor and a
25 source of electrical energy to establish a closed circuit for activating the individual one of the
first electrical conductors engaged by the second electrical conductor when the ball is hit by the
batter and wherein a plurality of message providers are provided and wherein

each of the message providers is associated with an individual one of the first electrical conductors to become activated when the individual one of the first electrical conductors is engaged by the second electrical conductor.